

Karl Colman

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EDUCATION:

Lawrence University, Appleton, WI

Bachelor of Arts, June 2020

Majors: **Physics & Mathematics**, GPA: 3.4

RELATED COURSES:

Classical Physics

Computational Mechanics

Calculus III

Modern Physics

Electronics and Magnetism

LABORATORY EXPERIENCE:

Kinematics and Dynamics

Electricity and Magnetism

Optics

SKILLS:

Analytical/Problem Solving

- Worked with classical theories of physics including those related to electricity and magnetism
- Studied applications and implications of classical physics laws
- Solved 3-D calculus based problems
- Devised electrical circuits using different combinations
- Generalized and analyzed graphs to explain behavior of particle under consideration

Communications

- Analyzed and compared experimental results with results published in scientific journals
- Presented research paper on effects of radiation on microorganisms in collaboration with two lab partners
- Maintained technical notebook to record all proceeding of experiments
- Tutored 6 middle school students in math and geometry during fall of 2018
- Coordinated soccer team practices and drills; motivated teammates as captain

Technical Skills

- Applications: Kaleidograph, Latex, Maple, IDL, Java, Power Point, MS Word, Excel

WORK EXPERIENCE:

Computer Lab Assistant, Computer Laboratory, Lawrence University

September 2019 – Present

Tutor, VITAL Tutoring, Appleton, WI

January 2019 – Present

Content Tutor, Spanish Department, Lawrence University

March 2018 – Present

ACTIVITIES:

Lawrence Soccer Team

August 2018 – Present

Lawrence Basketball Team

January 2018 – June 2019

Lawrence Debate Team

September 2017 – June 2018